AMENDMENTS TO THE CLAIMS

A detailed listing of all claims that are, or were, in the present application, irrespective of whether the claim(s) remain(s) under examination in the application is presented below. The claims are presented in ascending order and each includes one status identifier. Those claims not cancelled or withdrawn but amended by the current amendment utilize the following notations for amendment: 1. deleted matter is shown by strikethrough for six or more characters and double brackets for five or less characters; and 2. added matter is shown by underlining.

1.-35. (Cancelled)

36.   (Currently Amended) A method for viewing a microscope slide on a screen, said method comprising:

providing a microscope slide and at least one ~~or more~~ previously-captured image[[s]] of said microscope slide, ~~each of~~ said at least one ~~or more~~ previously-captured image[[s]] being a representation of said microscope slide at a magnification;

~~enabling~~ presenting ~~selection of~~ a plurality of ~~desired~~ objectives for viewing said microscope slide to a user, the plurality of objectives including at least a first objective corresponding to the at least one previously captured image and at least a second objective corresponding to a real-time image of the microscope slide at a magnification different from the magnification of the at least one previously captured image; ~~and determination if said desired objective corresponds to a magnification of one of said one or more previously-captured images;~~ ~~and~~

accepting a selection from the user of the first objective or the second objective; and

~~wherein~~ if ~~said desired~~ the first objective ~~corresponds to a magnification of one of said one or more previously-captured images~~ is selected, displaying the corresponding ~~said one of said one or more~~ previously-captured image[[s]] on a screen, and

~~wherein~~ if ~~said desired~~ the second objective ~~does not correspond to a magnification of one of said one or more previously-captured images~~ is selected, ~~obtaining a real-time image of microscope slide at said desired magnification and~~ presenting [[said]] the corresponding real-time image on said screen.

37. (Previously Presented) The method of claim 36, wherein said previously-captured image comprises multiple compression levels.

38. (Previously Presented) The method of claim 36, wherein said previously-captured image is a compressed image, the method further comprising creating a region of interest including selecting and decompressing a portion of the previously-captured image.

39. (Previously Presented) The method of claim 38, further comprising transmitting the region of interest to a user.

40. (Previously Presented) The method of claim 38, further comprising recompressing the region of interest.

41. (Previously Presented) The method of claim 40, further comprising transmitting the region of interest to a user.

42. (Previously Presented) The method of claim 36, wherein said previously-captured image comprises a plurality of compressed images, the method further comprising creating a region of interest including selecting and decompressing a portion of one or more of the compressed images.

43.   (Previously Presented)   The method of claim 42, further comprising transmitting the region of interest to a user.

44.   (Currently Amended)   A method for presenting an image to a user of a specimen on a microscope slide at a desired magnification, said method comprising:

capturing one or more images of a microscope slide, each of said captured images corresponding to a magnification;

selecting a desired ~~magnification~~ <u>objective</u> for viewing said microscope slide<u>, the desired</u> <u>objective corresponding to a desired magnification</u> ~~and determining if said desired magnification~~ ~~corresponds to a magnification of one of said one or more previously-captured images~~; and

wherein if said desired ~~magnification~~ <u>objective</u> corresponds to ~~a magnification of~~ one of said one or more previously-captured images, displaying said one of said one or more previously-captured images on a screen, and

wherein if said desired ~~magnification~~ <u>objective</u> does not correspond to ~~a magnification of~~ one of said one or more previously-captured images, obtaining and presenting a real-time image of <u>the</u> microscope slide at said desired magnification on said screen.